



A.D. 1779 N° 1222.

S P E C I F I C A T I O N

OF

ALEXANDER FORDYCE.

MANUFACTURE OF GLAUBER SALTS.

LONDON:

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Manufacture of Glauber Salts.

FORDYCE'S SPECIFICATION.

TO ALL TO WHOM THESE PRESENTS SHALL COME, I, ALEXANDER FORDYCE, of Harley Street, Cavendish Square, in the County of Middlesex, Esquire, send greeting.

WHEREAS His most Excellent Majesty King George the Third did, by
5 His Letters Patent under the Great Seal of Great Britain, bearing date the Thirtieth day of April, in the nineteenth year of His reign, give and grant unto me, the said Alexander Fordyce, His especial licence that I, the said Alexander Fordyce, during the term of years therein expressed, should and lawfully might use, exercise, and vend, within England, Wales, and the Town
10 of Berwick-upon-Tweed, and also within all His Majesty's Colonies and Plantations abroad, my Invention of "THE ART OF MAKING A SALT COMMONLY CALLED BY CHYMISTS GLAUBER SALTS, OR THE SAL MIRABILE GLAUBERI, FROM MATERIALS CHEAPER OR DIFFERENT AND BY A METHOD HITHERTO UNKNOWN IN HIS MAJESTY'S DOMINIONS;" in which said Letters Patent there is contained a provisoe,
15 obliging me, the said Alexander Fordyce, under my hand and seal, to cause a particular description of the nature of my said Invention, and how the same is to be performed, to be inrolled in His Majesty's High Court of Chancery within four calendar months after the date of the said recited Letters Patent, as in and by the same (relation being thereunto had) may more fully and at
20 large appear.

NOW KNOW YE, that in compliance with the said provisoe, I, the said Alexander Fordyce, do hereby declare that my said Invention of the Art of Making a Salt commonly called by Chymists Glauber Salts, or the Sal

Fordyce's Manufacture of Glauber Salts.

Mirabile Glauberi, from Materials cheaper or different, and by a Method hitherto unknown in His Majesty's Dominions, is described in the manner following (that is to say) :—

Take in the proportion of seventy-five pounds of green vitriol which has been calcined, and mixing the same accurately with fifty pounds of decrepitated salt, put them into a reverberating furnace, already a good deal heated, and apply a strong fire till it acquires a cherry heat. The contained matter will soon become liquid. It is then to be a good deal stirred. The heat being gradually encreased, the contents of the furnace will acquire the consistence of a soft paste. It is now proper to draw it from the furnace by a rake, or to lift it out with long iron shovels, and put it into an iron pott or stone vessell, where it will gradually grow cold. It must be afterwards beat or ground small that it may dissolve in water with greater facility. Having been well stirred and dissolved in the water, it must be suffered to settle, and the pure part is then to be poured off into leaden or flat earthen pans, where it will chrystallize into Glauber salt. If, after standing a week, there shall be any of the liquor which has not crystalized, the same must be poured off and boiled down about a third, and then suffered to cool and crystallize as before. After this second operation, if any of the salt is found undecomposed, the solution must be evaporated to dryness, be again putt into the furnace with about half a pound of calcined vitriol to a pound of the dried solution, and treated as at first.

In witness whereof, I, the said Alexander Fordyce, have hereunto sett my hand and seal, this Twenty-fifth day of August, 1779.

A. FORDYCE. (L.S.)

AND BE IT REMEMBRED, that on the same Twenty-fifth day of August, in the year above mentioned, the aforesaid Alexander Fordyce came before our said Lord the King in His Chancery, and acknowledged the Specification aforesaid, and all and every thing therein contained and specified, in form above written. And also the Specification aforesaid was stampd according to the tenor of the Statute made in the sixth year of the reign of their late Majestys King William and Queen Mary of England, and so forth.

Inrolled the same day and year last above mentioned.

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Printers to the Queen's most Excellent Majesty. 1856.